



+

Approved for use through 10/31/99, OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

*(use as many sheets as necessary)*

1

of

3

**10/766.339**

Filing Date

01-28-2004

**First Named Inventor**

HOPPE, et al.

### Group Art Unit

~~Not Yet Known~~ 1636

**Examiner Name**

<del>Not Yet Known</del>	J. Ketter
--------------------------	-----------

Attorney Docket Number

DEAV2003/0005 - US - NP

[illegible][illegible]

/James Ketter/

01/16/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (10-98)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/766,339
				Filing Date	01-28-2004
				First Named Inventor	HOPPE, et al.
				Group Art Unit	Not Yet Known 1636
				Examiner Name	Not Yet Known J. Ketter
Sheet	2	of	3	Attorney Docket Number	DEAV2003/0005 - US - NP

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JK		BRAECKMAN, Bart P. et al., Insulin-like signaling, metabolism, stress resistance and aging in <i>Caenorhabditis elegans</i> , <i>Mechanisms of Aging and Development</i> , (2001), Vol. 122, pp. 673 - 693	
		BURGERING, Boudewijn M. T. et al., Cell cycle and death control: long live Forkheads, <i>TRENDS in Biochemical Sciences</i> , (2002), Vol. 27, No. 7, pp. 352 - 360	
		EPSTEIN, Henry F., <i>Caenorhabditis elegans</i> : Modern Biological Analysis of an Organism, <i>Methods in Cell Biology</i> , (1995), Vol. 48, pp. 449 - 482	
		FURUYAMA, Tatsuo et al., Identification of the differential distribution patterns of mRNAs and consensus binding sequences for mouse DAF-16 homologues, <i>Biochemical Journal</i> , (2000), Vol. 349, pp. 629 - 634	
		GEMS, David et al., Two Pleiotropic Classes of daf-2 Mutation Affect Larval Arrest, Adult Behavior, Reproduction and Longevity in <i>Caenorhabditis elegans</i> , <i>Genetics</i> , (1998), Vol. 150, pp. 129 - 155	
		GOTTLIEB, Shoshanna et al., daf-2, daf-16, and daf-23: Genetically Interacting Genes Controlling Dauer Formation in <i>Caenorhabditis elegans</i> , <i>Genetics</i> , (1994), Vol. 137, pp. 107 - 120	
		HILL, Stephen J. et al., Reporter-gene systems for the study of G-protein-coupled receptors, <i>Current Opinion in Pharmacology</i> , (2001), Vol. 1, pp. 526 - 532	
		HONDA, Yoko et al., The daf-2 gene network for longevity regulates oxidative stress resistance and Mn-superoxide dismutase gene expression in <i>Caenorhabditis elegans</i> , <i>FASEB Journal</i> , (1999), Vol. 13, pp. 1385 - 1393	
		HUNTER, Theresa et al., Cloning, Expression, and Characterization of Two Manganese Superoxide Dismutases from <i>Caenorhabditis elegans</i> , <i>The Journal of Biological Chemistry</i> , (1997), Vol. 272, No. 45, pp. 28652 - 28659	
		KAESTNER, Klaus H. et al., Unified nomenclature for the winged helix/forkhead transcription factors, <i>Genes &amp; Development</i> , (2000), Vol. 14, pp. 142 - 146	

Examiner Signature	/James Ketter/	Date Considered	01/16/2007
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/766,339
				Filing Date	01-28-2004
				First Named Inventor	HOPPE, et al.
				Group Art Unit	Not Yet Known 1636
				Examiner Name	Not Yet Known J. Ketter
Sheet	3	of	3	Attorney Docket Number	DEAV2003/0005 - US - NP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JK		Manuel J. Munoz et al., Positive Selection of Caenorhabditis elegans Mutants With Increased Stress Resistance and Longevity, Genetics, (2003), Vol. 163, pp. 171 - 180	
		RIDDLE, Donald L. et al., Genetic and Environmental Regulation of Dauer Larva Development, C. Elegans II, (1997), Cold Harbor Springs Laboratory, pp. 739 - 768	
		RIDDLE, Donald L. et al., Interacting genes in nematode dauer larva formation, Nature, (1981), Vol. 290, pp. 668 - 669	
		SULSTON, John et al., Isolation of Nucleic Acids, The Nematode Caenorhabditis Elegans, (1998), Cold Spring Harbor Laboratory, pp. 604 - 605	
		TAWE, Wilson et al., Onchocerca volvulus Superoxide Dismutase Genes: Identification of Functional Promoters for Pre-mRNA Transcripts Which Undergo trans-Splicing, Experimental Parasitology, (2000), Vol 94, pp. 172 - 179	
		WOLFRAM, Markus, Reach-Through Claims und Reach-Through Licensing - Wie weit kann Patentschutz auf biotechnologische Research Tools reichen, Mitteilungen der deutschen Patentanwalte, (2003), Vol. 2, pp. 57 - 64	
		, Caenorhabditis elegans cosmid C08A9, PubMed No. 9851916 - Medline No. 99069613	

Examiner Signature	/James Ketter/	Date Considered	01/16/2007
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.